

# Regional Coastal Inundation Projects

1. Four projects funded as part of FY07 Federal Funding Opportunity; funding continues through FY10
2. Projects:
  1. A Regional Storm Surge and Inundation Model Test Bed for the Southeast Coastal Ocean Observing System Regional Association  
**Lead Principle Investigator:**  
University of Florida/ Dr. Peter Sheng ([pete@coastal.ufl.edu](mailto:pete@coastal.ufl.edu))
  2. A Prototype Operational Modeling System for Waves, Coastal Currents, Inundation and Hydrologic Flooding for Eastern North Carolina  
**Lead Principle Investigator:**  
University of North Carolina at Chapel Hill/ Dr. Richard Luettich ([rick\\_luettich@unc.edu](mailto:rick_luettich@unc.edu))
  3. Chesapeake Inundation Prediction System (CIPS): Flood Forecast Prototype for Coastal-Bay-Estuary Resiliency to Storm Surge  
**Lead Principle Investigator:**  
Chesapeake Bay Research Consortium/Kevin Sellner ([sellnerk@si.edu](mailto:sellnerk@si.edu)) and Chesapeake Bay Observing System (CBOS)/Elizabeth Smith ([exsmith@odu.edu](mailto:exsmith@odu.edu))

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## 4. Development of the Northeast Regional Coastal Ocean Observing System

### **Lead Principle Investigator:**

Woods Hole Oceanographic Institution/ Dr. John Trowbridge

([jtrowbridge@whoi.edu](mailto:jtrowbridge@whoi.edu))

\* Focus of storm surge work is FVCOM model (Bob Beardsley)